

## EAST Search History

| Ref # | Hits  | Search Query  | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|--------------------|------------------|---------|------------------|
| L1    | 1     | 10/789309   | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/09/24 11:20 |
| L2    | 208   | 369/112.1.ccls.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/09/24 11:20 |
| L3    | 684   | 369/121.ccls.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/09/24 11:20 |
| L4    | 201   | 369/112.08.ccls.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/09/24 11:20 |
| L5    | 12285 | (blue near6 (laser light emit\$4 heat)) and (infrared near6 (laser light emit\$4 heat))   | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/09/24 11:20 |
| L6    | 387   | (blue near6 (laser light emit\$4 heat)) and (infrared near6 (laser light emit\$4 heat)) and "369".clas.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/09/24 11:20 |
| L7    | 54988 | mm near6 substrate  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/09/24 11:20 |
| L8    | 3186  | ((mm millimeter) near6 substrate) and "369".clas.   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/24 11:20 |
| L9    | 151   | ((mm millimeter) near6 substrate) and L6  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/24 11:20 |
| L10   | 12    | ("20010000135" "20030151996" "20030227858" "20040109242" "20050152036" "20050249099" "6084843" "6166854" "6449095" "6898168" "6928035" "6992967").PN. | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/24 11:20 |
| L11   | 385   | (convex adj lens) near3 effect  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/24 11:20 |
| L12   | 132   | convex adj lens adj effect  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/24 11:20 |
| L13   | 1060  | (multipl\$4 plural\$4 another other many first second third two more) near3 (frequency wavelength) near10 aberration                                  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/24 11:20 |
| L14   | 3071  | mode near3 hop\$4   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/24 11:20 |
| L15   | 10    | ((multipl\$4 plural\$4 another other many first second third two more) near3 (frequency wavelength) near10 aberration) and (convex near10 hologr\$7)  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/24 11:20 |
| L16   | 32    | shiono and (chromatic near3 aberration)   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/24 11:20 |

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|-----|------|--|--------------------|----|-----|------------------|
| L17 | 20   | (convex adj lens adj effect) near10<br>(great\$4 lesser\$4 small\$4 big\$4<br>vary\$4 varies chang\$4)   | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/24 11:20 |
| L18 | 3357 | (focus\$6 converg\$4) with<br>(hologra\$6 diffract\$4) and "369".<br>clas.   | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/24 11:20 |
| L19 | 1747 | (focus\$6 converg\$4) near3<br>(hologra\$6 diffract\$4) and "369".<br>clas.  | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/24 11:20 |
| L20 | 741  | converg\$4 near3 (hologra\$6<br>diffract\$4) and "369".clas.   | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/24 11:20 |
| L21 | 283  | (converg\$4 near3 (hologra\$6<br>diffract\$4)) with object\$3 and<br>"369".clas.   | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/24 11:20 |
| L22 | 25   | ((add\$4 increas\$4 caus\$4) near3<br>(spherical near3 aberration)) same<br>((decreas\$4 improv\$4 correct\$4<br>less\$9 help\$4) near3 ("off-axial"<br>near3 aberration)) | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/24 11:20 |
| L23 | 1038 | objective near5 hologr\$7  | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/24 11:20 |
| L24 | 884  | (objective near2 (lens element))<br>near5 hologr\$7  | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/24 11:20 |
| L25 | 750  | (objective near2 (lens element))<br>near5 hologr\$7 and ("359".clas.<br>"369".clas.)   | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/24 11:20 |
| L26 | 99   | ((objective near2 (lens element))<br>near5 hologr\$7) near10 ("same"<br>integral\$4 fix\$4) and ("359".clas.<br>"369".clas.)   | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/24 11:20 |
| L27 | 4302 | (optical near4 head) near20 motor  | US-PGPUB;<br>USPAT | OR | OFF | 2007/09/24 11:20 |
| L28 | 4    | ((optical near4 head) near10<br>motor) with control\$4) same<br>(conver\$4 near4 imag\$4)  | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/24 11:20 |
| L29 | 782  | ((phase near4 step) near10<br>differen\$4) same (light wavelength<br>length)   | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/24 11:20 |
| L30 | 139  | ((phase near4 step) near10<br>differen\$4) same (light wavelength<br>length) and "369".clas.   | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/24 11:20 |
| L31 | 8    | ((phase near4 plate) near20<br>(differen\$4 near6 (five three)))<br>same (light wavelength length) and<br>"369".clas.  | US-PGPUB;<br>USPAT | OR | ON  | 2007/09/24 11:20 |

## EAST Search History

|     |      |  |                              |    |     |                  |
|-----|------|--|------------------------------|----|-----|------------------|
| L32 | 2    | ("6272098").PN. OR ("6594042").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/09/24 11:20 |
| L33 | 59   | ((phase near4 plate) near20<br>(differen\$4 near6 (five three)))<br>same (light wavelength length) | US-PGPUB;<br>USPAT           | OR | ON  | 2007/09/24 11:20 |
| L34 | 98   | (step near20 (differen\$4 near6 (five<br>three))) same (light and \$9length)                       | US-PGPUB;<br>USPAT           | OR | ON  | 2007/09/24 11:20 |
| L35 | 5    | "6928035"  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/09/24 11:20 |
| L36 | 1    | "20030151996"  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/09/24 11:20 |
| L37 | 1    | "6061318".pn.  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/09/24 11:20 |
| L38 | 1984 | DVD\$4 same (blu-ray bluray (blu<br>adj ray))  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/09/24 11:20 |
| L39 | 134  | (DVD\$4 and (blu-ray bluray (blu adj<br>ray))) same compatib\$8                                    | US-PGPUB;<br>USPAT           | OR | ON  | 2007/09/24 11:20 |
| L40 | 22   | (dichroic near4 (film layer mirror))<br>near10 (("1" one) adj mm)                                  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/09/24 11:20 |